



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

**\*BIBDATASHEET\***

CONFIRMATION NO. 298

Bib Data Sheet

SERIAL NUMBER 10/087,090	FILING DATE 03/01/2002  RULE	CLASS 381	GROUP ART UNIT 2643	ATTORNEY DOCKET NO. 22645-7201
-----------------------------	---------------------------------------	--------------	------------------------	-----------------------------------

## APPLICANTS

James M. Kates, Niwot, CO;

SUHAN NI  
PRIMARY EXAMINER

## \*\* CONTINUING DATA \*\*\*\*\*

This application is a CIP of 10/008,268 11/13/2001  
and claims benefit of 60/310,871 08/08/2001

## \*\* FOREIGN APPLICATIONS \*\*\*\*\*

## IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 04/08/2002

Foreign Priority claimed 35 USC 119 (a-d) conditions met Verified and Acknowledged	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance Examiner's Signature <u>SN</u> Initials	STATE OR COUNTRY CO	SHEETS DRAWING 7	TOTAL CLAIMS 55	INDEPENDEN CLAIMS 6
--	--	---------------------------	------------------------	-----------------------	---------------------------

## ADDRESS

David G. Beck  
Bingham McCutchen LLP  
Three Embarcadero Center,  
Suite 1800  
San Francisco , CA  
94111

## TITLE

Spectral enhancement using digital frequency warping

FILING FEE  RECEIVED 1752	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
------------------------------------	---	---